

Message

**From:** Edge, Charles (ATSDR/DTHHS/OD) [ibd7@cdc.gov]  
**Sent:** 10/22/2017 3:16:14 AM  
**To:** Werner, Lora [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=921f9f156035403fa605c142a287cc1a-Lwerne02]  
**Subject:** RE: Yellow email, 1710EPA1318, West Virginia, Parkersburgh, Ames plant fire

Hi Lora,

This is what I typed from the tire fire template. Of course it hasn't been cleared. I wasn't able to find a cleared AROA or TA that I have written to send out.

***Particulate matter***

The classification of particulate matter falls into two categories: particles less than 2.5 microns in diameter (PM<sub>2.5</sub>) and particles less than 10 microns in diameter (PM<sub>10</sub>). Particulate matter is a mixture of materials that can include smoke, soot, dust, salt, acids, and metals. Particulate matter invades the respiratory system and can increase the number and severity of asthma attacks, cause or aggravate bronchitis, and reduce the body's ability to fight infections. ATSDR has not developed a comparison value for particulate matter, but the U.S. EPA has developed National Ambient Air Quality Standards (NAAQS) for PM<sub>10</sub> and PM<sub>2.5</sub>. The U.S. EPA's National Ambient Air Quality Standards (NAAQS, 2012) state that the 24 hour average PM<sub>10</sub> concentrations are not to exceed 150 micrograms per cubic meter (µg/m<sup>3</sup>) more than once per year (on average) over a 3-year period. The NAAQS for 24 hour average PM<sub>2.5</sub> is 35 µg/m<sup>3</sup> averaged over 3 years and an annual average of 12 µg/m<sup>3</sup>.

The World Health Organization (WHO) has also developed air quality guidelines (AQGs) for PM<sub>10</sub> and PM<sub>2.5</sub> which are more conservative than the U.S. EPA's NAAQS (WHO, 2006): □

- PM<sub>10</sub>: The WHO annual average AQG is 20 µg/m<sup>3</sup> and the 24 hour AQG is 50 µg/m<sup>3</sup>.
- PM<sub>2.5</sub>: The WHO annual average AQG is 10 µg/m<sup>3</sup> and the 24 hour AQG is 25 µg/m<sup>3</sup>.

For readings below the action levels, continue to conduct air monitoring to evaluate concentrations of contaminants. When environmental data or sampling equal or surpass the action level, additional review of exposure pathways for the site should be conducted. Based on the action levels, the decision to shelter in place or evacuate should be made.

Charles

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**From:** Werner, Lora S. (CDC epa.gov)  
**Sent:** Saturday, October 21, 2017 6:45 PM  
**To:** Edge, Charles (ATSDR/DTHHS/OD) <ibd7@cdc.gov>  
**Subject:** Re: Yellow email, 1710EPA1318, West Virginia, Parkersburgh, Ames plant fire

Don't interrupt your plans!! I think she is good for now what you told me was perfect!

Sent from my iPhone

On Oct 21, 2017, at 9:43 PM, Edge, Charles (ATSDR/DTHHS/OD) <ibd7@cdc.gov> wrote:

I will see what additional info I have. Headed home for computer access now.

Charles

Sent from my iPhone

On Oct 21, 2017, at 9:40 PM, Werner, Lora S. (CDC [epa.gov](http://epa.gov)) <[werner.lora@epa.gov](mailto:werner.lora@epa.gov)> wrote:

Great Deb. Sounds good, we will standby for anything further you might need.  
Good to know rough schedule. Lora

Sent from my iPhone

On Oct 21, 2017, at 9:37 PM, Lindsey, Deborah <[Lindsey.Deborah@epa.gov](mailto:Lindsey.Deborah@epa.gov)> wrote:

Lora – thanks. I will take a look at the tables. I will let you know if we have any questions. I don't expect any questions until we see some of the data which probably won't be until morning. START is moving now and should be on-site shortly. We did not get any NRC notification until around 5:00 this evening and I have been focusing getting START out on the road.

Thanks for the quick response. If you google Ames Plant fire in Parkersburg – there are many Youtubes showing the fire.

Debbie Lindsey  
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USEPA Region 3  
Wheeling Field Office  
1060 Chapline Street  
Wheeling, WV 26003  
(304) 234-0249  
(304) 281-2569 (cell)

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**From:** Werner, Lora  
**Sent:** Saturday, October 21, 2017 9:31 PM  
**To:** Lindsey, Deborah <[Lindsey.Deborah@epa.gov](mailto:Lindsey.Deborah@epa.gov)>  
**Cc:** Charles Edge <[ibd7@cdc.gov](mailto:ibd7@cdc.gov)>; Lloyd, Christine <[Lloyd.Christine@epa.gov](mailto:Lloyd.Christine@epa.gov)>; Pomales, Ana <[Pomales.ana@epa.gov](mailto:Pomales.ana@epa.gov)>; Helverson, Robert <[Helverson.Robert@epa.gov](mailto:Helverson.Robert@epa.gov)>; Karl Markiewicz <[kvm4@cdc.gov](mailto:kvm4@cdc.gov)>  
**Subject:** Re: Yellow email, 1710EPA1318, West Virginia, Parkersburgh, Ames plant fire

Thanks, Deb.

I spoke directly to Charles Edge, who is the ATSDR ER Duty Officer this week. I am sorry you got that confusing response when you called the CDC 24 hour number.

Charles said ATSDR uses the EPA NAAQS Air Quality Index (AQI) guidelines for hazardous levels of PM in air in this kind of situation - see the attached AQI table. This is also part of the 2016 NRT presentation on "Air Quality Monitoring at Structural Fires" at <https://www.nrt.org/sites/40/files/Air%20Quality%20Monitoring%20at%20Structural%20Fires%20RRT2%204%2013%2016.pdf>

Let me know if you want to discuss or if you have other questions as this goes on.

I need to pick up my daughter from the homecoming dance over the next 1/2 hour or so but I will have my cell with me. Charles is also watching email and can be reached at his mobile at 404-234-4471.

Lora

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**From:** Lindsey, Deborah  
**Sent:** Saturday, October 21, 2017 9:12 PM  
**To:** Werner, Lora  
**Subject:** FW: Yellow email, 1710EPA1318, West Virginia, Parkersburgh, Ames plant fire

Image is a picture of list of chemicals

Debbie Lindsey

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USEPA Region 3

Wheeling Field Office

1060 Chapline Street

Wheeling, WV 26003

(304) 234-0249

(304) 281-2569 (cell)

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**From:** [James.Mehl@epa.ohio.gov](mailto:James.Mehl@epa.ohio.gov) [mailto:[James.Mehl@epa.ohio.gov](mailto:James.Mehl@epa.ohio.gov)]  
**Sent:** Saturday, October 21, 2017 5:38 PM  
**To:** [sdinkins@orsanco.org](mailto:sdinkins@orsanco.org); [lziolkowski@orsanco.org](mailto:lziolkowski@orsanco.org); [spillreports-l@orsanco.org](mailto:spillreports-l@orsanco.org)  
**Subject:** Fwd: Yellow email, 1710EPA1318, West Virginia, Parkersburgh, Ames plant fire

Left phone messages.

Jim Mehl

614-719-9212

Begin forwarded message:

**From:** "Mehl, James" <[James.Mehl@epa.ohio.gov](mailto:James.Mehl@epa.ohio.gov)>  
**Date:** October 21, 2017 at 17:30:05 EDT  
**To:** "[tluncan@orsanco.org](mailto:tluncan@orsanco.org)"  
<[tluncan@orsanco.org](mailto:tluncan@orsanco.org)>  
**Subject:** Fwd: Yellow email, 1710EPA1318, West Virginia, Parkersburgh, Ames plant fire

We've called and left messages, and uncertain of receipt.

Jim Mehl

614-719-9212

Begin forwarded message:

**From:** EPA ERFAX ER  
<[erfax.er@epa.ohio.gov](mailto:erfax.er@epa.ohio.gov)>  
**Date:** October 21, 2017 at 14:20:04 EDT  
**To:** "Wolfe, Aaron"  
<[Aaron.Wolfe@epa.ohio.gov](mailto:Aaron.Wolfe@epa.ohio.gov)>,  
"Tucker, Holly"  
<[Holly.Tucker@epa.ohio.gov](mailto:Holly.Tucker@epa.ohio.gov)>,  
"Witherspoon, Melisa"  
<[Melisa.Witherspoon@epa.ohio.gov](mailto:Melisa.Witherspoon@epa.ohio.gov)>,  
>, "Deshaies, Marco"  
<[marco.deshaies@epa.ohio.gov](mailto:marco.deshaies@epa.ohio.gov)>,  
"Kuenzli, Jessica"  
<[Jessica.Kuenzli@epa.ohio.gov](mailto:Jessica.Kuenzli@epa.ohio.gov)>,  
EPA ERFAX ER  
<[erfax.er@epa.ohio.gov](mailto:erfax.er@epa.ohio.gov)>,  
"Anderson, Todd"  
<[todd.anderson@epa.ohio.gov](mailto:todd.anderson@epa.ohio.gov)>,  
"Billman-Kotsko, Jodi" <[Jodi.Billman-Kotsko@epa.ohio.gov](mailto:Jodi.Billman-Kotsko@epa.ohio.gov)>,  
"Butler, Craig" <[Craig.Butler@epa.ohio.gov](mailto:Craig.Butler@epa.ohio.gov)>,  
DPS EMAWatch  
<[EMAWatch@dps.ohio.gov](mailto:EMAWatch@dps.ohio.gov)>,

"Eberle, Michael"  
<Michael.Eberle@epa.ohio.gov>,  
EPA ERFAX ER  
<erfax.er@epa.ohio.gov>, "Factor,  
Laura"  
<Laura.Factor@epa.ohio.gov>,  
"Glasgow, Marcus"  
<marcus.glasgow@epa.ohio.gov>,  
"Gortner, Ed"  
<ed.gortner@epa.ohio.gov>,  
"Griesmer, Heidi"  
<Heidi.Griesmer@epa.ohio.gov>,  
"Mehl, James"  
<James.Mehl@epa.ohio.gov>,  
"Enderle, Mardi"  
<mardi.enderle@epa.ohio.gov>  
**Subject: Yellow email,**  
**1710EPA1318, West Virginia,**  
**Parkersburgh, Ames plant fire**

Duty Officer Taylor

Ohio Environmental Protection Agency

Division of Environmental Response,  
Investigation and Enforcement

24 Hour Hotline 800-282-9378

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**From:** Wolfe, Aaron

**SUBJECT:** Intercontinental Export and  
Import Company - Plant #1 Fire  
Parkersburg WV.

At 1230 AM this morning Parkersburg  
fire crews responded to a fire at the  
Intercontinental Export and Import  
Company - Plant #1 on Camden Avenue  
in Parkersburg WV. The facility is a  
warehouse housing many plastics  
related materials. Attached you will find

a list of items thought to be in the warehouse. The fire is still ongoing. No shelter in place order has been implemented at this time in Parkersburg, Wv. OSC Wolfe is in contact with on-scene WVDEP representatives, Ohio EMA, and has notified ORSANCO and will continue to report with updates. Firefighting water is expected to enter the Ohio River. WVDEP is setting up air monitoring equipment. Currently given the wind direction WVDEP does not feel any Ohio Counties are threatened by the fire.

OSC Wolfe will continue to monitor the situation and provide updates every two hours or if additional information is provided from the scene.



**Did You Know:** Children of parents who talk to their children about drugs are up to 50% less likely to use drugs. Start the conversation: [StartTalking.Ohio.Gov](http://StartTalking.Ohio.Gov)

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